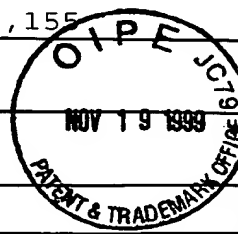


FORM PTO-1449 (REV. 7-80) INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				ATTY. DOCKET NO. KPN97-04A5		SERIAL NO. 09/309,155	
				APPLICANT Zavracky, et al.			
				FILING DATE May 10, 1999		GROUP 2774	



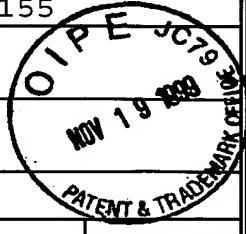
U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
Ln	AA	4,010,322	03-01-77	Nathanson	358	233	
	AB	4,258,387	03-24-81	Lemelson, et al.	358	85	
	AC	4,336,524	06-22-82	Levine	340	311.1	
	AD	4,573,766	03-04-86	Bournay, Jr., et al.	350	345	
	AE	4,630,895	12-23-86	Abdala, Jr., et al.	350	345	
	AF	4,636,866	01-13-87	Hattori	358	236	
	AG	4,695,129	09-22-87	Faessen, et al.	350	96.25	
	AH	4,704,740	11-03-87	McKee, et al.	455	348	
	AI	4,714,980	12-22-87	Hara	361	395	
	AJ	4,814,876	03-21-89	Horio, et al.	358	160	
Ln	AK	4,837,817	06-06-89	Maemori	358	224	

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO		
Ln	AL	0 172 473 A2	Feb-26-86	Europe			
	AM	0 344 881 A2	Dec-06-89	Europe			
	AN	0 352 914 A2	Jan-31-90	Europe			
	AO	0 424 880 A2	May-02-91	Europe			
	AP	0 438 362 A1	Jul-24-91	Europe			
Ln	AQ	0 464 011 A1	Jan-02-92	Europe			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
Ln	AR "Hand-held Videophone," Popular Science (1992, February)
Ln	AS "VideoPhone price cut to \$1,000," USA TODAY (1993, January 2)
Ln	AT "SA620 Integrated Front-End," Philips Electronics North America Corp. (1993)

EXAMINER Xiao Wu	DATE CONSIDERED 2-9-01
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FORM PTO-1449 (REV. 7-80) INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO. KPN97-04A5		SERIAL NO. 09/309,155	
				APPLICANT Zavracky, et al.			
				FILING DATE May 10, 1999		GROUP 2774	



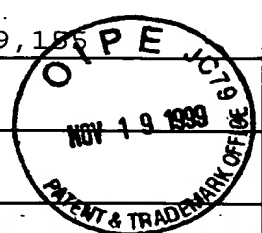
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h	AA2	4,856,045	08-08-89	Hoshina	379	53	
	AB2	4,856,088	08-08-89	Oliwa, et al.	455	349	
	AC2	4,873,576	10-10-89	Hattori, et al.	358	224	
	AD2	4,916,441	04-10-90	Gombrich	340	712	
	AE2	4,928,300	05-22-90	Ogawa, et al.	379	53	
	AF2	4,934,773	06-19-90	Becker	350	6.6	
	AG2	4,959,642	09-25-90	Sharples	340	716	
	AH2	4,977,456	12-11-90	Furuya	358	213.13	
	AI2	5,003,300	03-26-91	Wells	340	705	
	AJ2	5,008,658	04-16-91	Russay, et al.	340	784	
	AK2	5,008,788	04-16-91	Palinkas	362	231	

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO		
AL2	0 472 361 A2	Feb-26-92	Europe				
AM2	0 491 639 A1	Jun-24-92	Europe			X	
AN2	0 526 802 A2	Feb-10-93	Europe				X
AO2	0 535 401 A1	Apr-07-93	Europe				
AP2	0 539 699 A2	May-05-93	Europe				
AQ2	0 539 907 A3	May-05-93	Europe				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
h	AU Kummerow, T., Meurer, W., "Bildtelefon - ein Kommunikationsdienst im ISDN ab 1991," Telenorma Nachrichten, Telenorma Bosch Gruppe 1989 Heft 93, pp. 52, 53, index and cover page
h	AV Linder, Ben, "A whole lot smarter," Telephony, pp. 22, 23, 26, 28 and cover (May 19, 1997)

EXAMINER <div style="text-align: center; font-size: 1.5em;">Xiao Wu</div>	DATE CONSIDERED <div style="text-align: center; font-size: 1.5em;">2-9-01</div>
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FORM PTO-1449 (REV. 7-80) INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				ATTY. DOCKET NO. KPN97-04A5		SERIAL NO. 09/309,185	
				APPLICANT Zavracky, et al.			
				FILING DATE May 10, 1999		GROUP 2774	



U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
K	AA3	5,023,931	06-11-91	Streck, et al.	455	21	
J	AB3	5,042,918	08-27-91	Suzuki	359	59	
J	AC3	5,048,077	09-10-91	Wells, et al.	379	96	
J	AD3	5,077,784	12-31-91	Fujita, et al.	379	53	
J	AE3	5,079,627	01-07-92	Filo	358	85	
J	AF3	5,106,179	04-21-92	Kamaya, et al.	351	158	
J	AG3	5,111,498	05-05-92	Guichard, et al.	379	53	
J	AH3	5,122,880	06-16-92	Nagano	358	209	
J	AI3	5,132,825	07-21-92	Miyadera	359	85	
J	AJ3	5,138,312	08-11-92	Tsukamoto, et al.	340	825.4 4	
J	AK3	5,162,828	11-10-92	Furness, et al.	353	122	

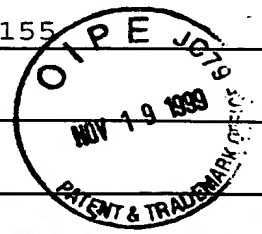
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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO		
AL3	0 547 493 A1	Jun-23-93	Europe				
AM3	0 551 781 A1	Jul-21-93	Europe				
AN3	0 626 773 A1	Nov-30-94	Europe				X
AO3	EP 0 626 773 B1	Feb-07-96	Europe				X
AP3	0 689 350 A2	Dec-27-95	Europe				
AQ3	EP 0 732 606 A2	Sep-18-96	Europe				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
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EXAMINER <div style="font-size: 1.5em; font-family: cursive;">XIAO WU</div>	DATE CONSIDERED <div style="font-size: 1.5em; font-family: cursive;">2-9-01</div>
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FORM PTO-1449
(REV. 7-80)INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
KPN97-04A5SERIAL NO.
09/309,155APPLICANT
Zavracky, et al.FILING DATE
May 10, 1999GROUP
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U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>h</i>	AA4	5,164,833	11-17-92	Aoki	358	224	
	AB4	5,164,980	11-17-92	Bush, et al.	379	53	
	AC4	5,185,712	02-09-93	Sato, et al.	358	224	
	AD4	5,189,632	02-23-93	Paajanen, et al.	364	705.05	
	AE4	5,206,749	04-27-93	Zavracky, et al.	359	59	
	AF4	5,220,366	06-15-93	King	354	76	
	AG4	5,224,198	06-29-93	Jachimowicz, et al.	385	133	
	AH4	5,256,562	10-26-93	Vu, et al.	437	86	
	AI4	5,258,325	11-02-93	Spitzer, et al.	437	86	
	AJ4	5,260,625	11-09-93	Holden, et al.	313	486	
	AK4	5,281,957	01-25-94	Schoolman	345	8	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
<i>h</i>	AL4	92/12453	Jul-23-92	WO			
	AM4	93/01583	Jan-21-93	WO			
	AN4	93/16550	Aug-19-93	WO			
	AO4	93/18428	Sep-16-93	WO			
	AP4	93/23783	Nov-25-93	WO			
	AQ4	94/01958	Jan-20-94	WO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

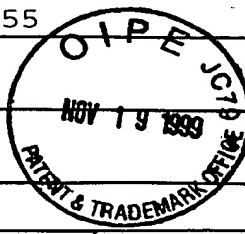
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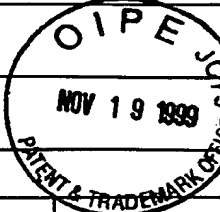
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DATE CONSIDERED

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FORM PTO-1449 (REV. 7-80) INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				ATTY. DOCKET NO. KPN97-04A5		SERIAL NO. 09/309,155	
				APPLICANT Zavracky, et al.			
				FILING DATE May 10, 1999			
U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
X	AA5	5,300,788	04-05-94	Fan, et al.	257	13	
	AB5	5,300,976	04-05-94	Lim, et al.	354	219	
	AC5	5,305,244	04-19-94	Newman, et al.	364	708.1	
	AD5	5,311,206	05-10-94	Nelson	345	89	
	AE5	5,317,236	05-31-94	Zavracky, et al.	315	169.3	
	AF5	5,321,416	06-14-94	Bassett, et al.	345	8	
	AG5	5,322,989	06-28-94	Long, et al.	235	375	
	AH5	5,325,429	06-28-94	Kurgan	379	429	
	AI5	5,335,276	08-02-94	Thompson, et al.	380	21	
	AJ5	5,347,378	09-13-94	Handschy, et al.	359	53	
✓	AK5	5,347,400	09-13-94	Hunter	359	815	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
X	AL5	94/09398	Apr-28-94	WO	—	—	
	AM5	94/11775	May-26-94	WO(English Abstract)	—	—	
	AN5	94/14152	Jun-23-94	WO	—	—	
	AO5	95/11473	Apr-27-95	WO	—	—	
	AP5	95/25983	Sep-28-95	WO	—	—	
✓	AO5	95/26110	Sep-28-95	WO	—	—	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
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EXAMINER <div style="font-size: 1.5em; font-family: cursive;">Xiao Wu</div>				DATE CONSIDERED <div style="font-size: 1.5em; font-family: cursive;">2-9-01</div>			

FORM PTO-1449 (REV. 7-80) INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				ATTY. DOCKET NO. KPN97-04A5		SERIAL NO. 09/309,155	
				APPLICANT Zavracky, et al.			
				FILING DATE May 10, 1999		GROUP 2774	



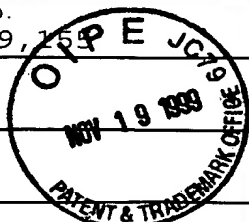
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hu	AA6	5,362,671	11-08-94	Zavracky, et al.	437	81	
	AB6	5,371,493	12-6-94	Sharpe, et al.	340	825.34	
	AC6	5,373,181	12-13-94	Scheiter, et al.	257	415	
	AD6	5,376,979	12-27-94	Zavracky, et al.	353	122	
	AE6	5,381,179	01-10-95	Kashimura	348	376	
	AF6	5,404,580	04-04-95	Simpson, et al.	455	89	
	AG6	5,412,396	05-02-95	Nelson	345	89	
	AH6	5,422,656	06-06-95	Allard, et al.	345	173	
	AI6	5,444,557	08-22-95	Spitzer, et al.	359	59	
	AJ6	5,455,572	10-03-95	Cannon, et al.	340	825.44	
↓	AK6	5,469,278	11-21-95	Takahara, et al.	359	51	

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO		
hu AL6	96/19794	Jun-27-96	WO				
	AM6	96/21173	Jul-11-96	WO			
	AN6	96/21205	Jul-11-96	WO			
	AO6	96/35288	Nov-07-96	WO		X	
	AP6	97/01240	Jan-09-97	WO			
↓	AQ6	2,123,461	Nov-15-94	Canada			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
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EXAMINER <div style="font-size: 1.5em; font-family: cursive;">X/AO wlu</div>	DATE CONSIDERED <div style="font-size: 1.5em; font-family: cursive;">2-9-01</div>
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FORM PTO-1449 (REV. 7-80) INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				ATTY. DOCKET NO. KPN97-04A5		SERIAL NO. 09/309,155	
				APPLICANT Zavracky, et al.			
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U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
✓	AA7	5,471,045	Geronimi	235	492		
	AB7	5,483,285	Lim, et al.	348	341		
	AC7	5,485,318	Lebby, et al.	359	811		
	AD7	5,485,504	Ohnsorge	379	58		
	AE7	5,486,708	Takahashi, et al.	257	59		
	AF7	5,486,946	Jachimowicz, et al.	359	263		
	AG7	5,493,437	Lebby, et al.	359	152		
	AH7	5,515,424	Kenney	379	96		
	AI7	5,528,285	Morikawa, et al.	348	14		
	AJ7	5,539,554	Lebby, et al.	359	83		
✓	AK7	5,541,640	Larson	348	19		

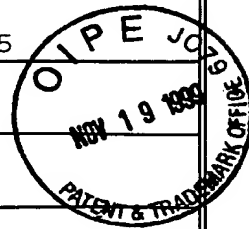
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✓ AL7	27 15 446	Germany	—	—	X		
	AM7	DE 38 28 485 A1	Mar-01-90	Germany(English Abstract)	—		
	AN7	G 92 00 683.3	Jun-06-92	Germany	—		X
	AO7	DE 28 20 096 A1	Nov-15-79	Germany(English Abstract)	—		
	AP7	2 242 335 A	Sep-25-91	UK	—		
✓	AQ7	2,612,351	Sep-16-88	France	—	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
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EXAMINER <div style="font-size: 1.5em; font-family: cursive;">XIAO Wu</div>	DATE CONSIDERED <div style="font-size: 1.5em; font-family: cursive;">2-9-01</div>
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IN AN APPLICATION

(Use several sheets if necessary)

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U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>Xm</i>	AA8	5,544,111	08-06-96	Berthozat, et al.	365	225.7	
	AB8	5,548,271	08-20-96	Tsuchiyama, et al.	340	311.1	
	AC8	5,549,747	08-27-96	Bozler, et al.	117	43	
	AD8	5,500,517	03-19-96	Cagliostro	235	486	
	AE8	5,561,538	10-01-96	Kato, et al.	359	40	
	AF8	5,572,045	11-05-96	Takahashi, et al.	257	59	
	AG8	5,584,070	12-10-96	Harris, et al.	455	346	
	AH8	5,585,948	12-17-96	Petera	349	143	
	AI8	5,596,451	01-21-97	Handschy, et al.	359	633	
	AJ8	5,608,553	03-04-97	Kim	349	61	
<i>✓</i>	AK8	5,642,129	06-24-97	Zavracky, et al.	345	100	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
<i>Xm</i>	AL8	63-151283	Jun-23-88	Japan (English Abstract)	—	—	
	AM8	3-53785	Mar-07-91	Japan (English Abstract)	—	—	
	AN8	62-91045	Apr-25-87	Japan (English Abstract)	—	—	
	AO8	2-218251	Aug-30-90	Japan (English Abstract)	—	—	
	AP8	3-136487	Jun-11-91	Japan (English Abstract)	—	—	
<i>✓</i>	AQ8	5-14550	Jan-22-93	Japan (English Abstract)	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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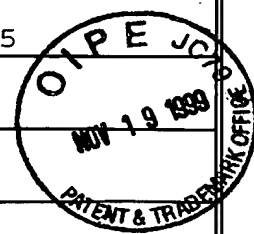
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DATE CONSIDERED

2-9-01

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U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
✓	AA9	5,646,432	07-08-97	Iwaki, et al.	257	347	
	AB9	5,673,059	09-30-97	Zavracky, et al.	345	8	
	AC9	5,416,496	05-16-95	Wood	345	102	
	AD9	5,432,358	07-11-95	Nelson et al.	257	81	
	AE9	5,537,129	07-16-96	Okada et al.	345	90	
	AF9	5,634,080	05-27-97	Kikinis et al.	395	893	
	AG9	5,666,133	09-09-97	Matsuo et al.	345	100	
	AH9	5,748,237	05-05-98	Ueda et al.	348	333	
	AI9	5,767,828	06-16-98	McKnight	345	89	07-20-95
	AJ9	5,818,634	10-06-98	Richard et al.	359	565	08-05-96
✓	AK9	5,821,911	10-13-98	Jachimowicz	345	7	01-12-95

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
✓	AL9	7-177398	Jul-14-95	Japan(English Abstract)	—	—	
	AM9	2-196570	Aug-03-90	Japan(English Abstract)	—	—	
	AN9	8-129157	May-21-96	Japan(English Abstract)	—	—	
	AO9	8-149346	Jun-07-96	Japan(English Abstract)	—	—	
	AP9	9-55872	Feb-25-97	Japan(English Abstract)	—	—	
✓	AQ9	9-26617	Jan-28-97	Japan	—	—	X

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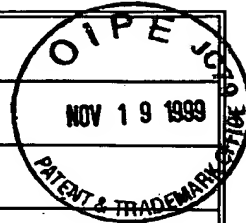
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DATE CONSIDERED

2-9-01

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(REV. 7-80)INFORMATION DISCLOSURE CITATION
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(Use several sheets if necessary)

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U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
<i>kn</i>	AL11	8-248499	Sep-27-96	Japan(English Abstract)	<i>—</i>		
<i>↓</i>	AM11	8-114783	May-07-96	Japan	<i>—</i>		X
<i>↓</i>	AN11	8-149485	Jun-07-96	Japan	<i>—</i>		X
<i>↓</i>	AO11	5-252523	Sep-28-93	Japan	<i>—</i>		X
<i>↓</i>	AP11	1-160286	Jun-23-89	Japan(English Abstract)	<i>—</i>		
<i>↓</i>	AQ11	2-113656	Apr-25-90	Japan(English Abstract)	<i>—</i>		

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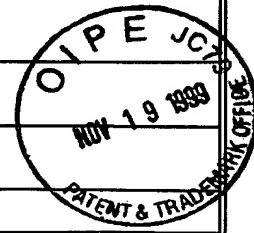
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(REV. 7-80)INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
KPN97-04A5SERIAL NO.
09/309,155APPLICANT
Zavracky, et al.FILING DATE
May 10, 1999GROUP
2774

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>X</i>	AA10	5,867,795	02-02-99	Novis et al.	455	566	08-23-96
<i>X</i>	AB10	5,920,298	07-06-99	McKnight	345	87	12-19-96
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
<i>X</i>	AL10	8-76078	Mar-22-96	Japan	<i>---</i>	<i>---</i>	X
<i>X</i>	AM10	8-340546	Dec-24-96	Japan	<i>---</i>	<i>---</i>	X
<i>X</i>	AN10	8-154190	Jun-11-96	Japan	<i>---</i>	<i>---</i>	X
<i>X</i>	AO10	8-95027	Apr-12-96	Japan(English Abstract)	<i>---</i>	<i>---</i>	
<i>X</i>	AP10	61-139177	Jun-26-86	Japan(English Abstract)	<i>---</i>	<i>---</i>	
<i>X</i>	AQ10	8-102877	Apr-16-96	Japan(English Abstract)	<i>---</i>	<i>---</i>	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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DATE CONSIDERED

2-9-01

FORM PTO-1449 (REV. 7-80) INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO. KPN97-04A5		SERIAL NO. 09/309,155	
				APPLICANT Zavracky, et al.			
				FILING DATE May 10, 1999			
				GROUP 2774			

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
AA						
AB						
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AE						
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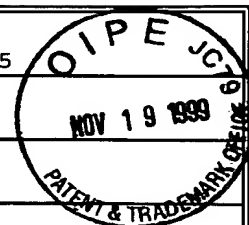
FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
AL12	7-235892	Sep-05-95	Japan		X
AM12	3-105383	May-02-91	Japan		X
AN12	6-123852	May-06-94	Japan		X
AO12	2 308 486	Jun-25-97	United Kingdom		
AP12	2 289 555	Nov-11-95	United Kingdom		
AQ12	6-141,308	May-20-94	Japan		X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

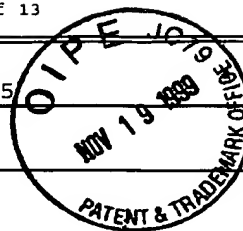
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FORM PTO-1449
(REV. 7-80)INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
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Zavracky, et al.FILING DATE
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U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
<i>Kr</i>	AL13 9-26617	28-JAN-97	Japan			X
	AM13 EP 0 791 891 A1	27-AUG-97	EPO			
	AN13 WO 90/13096	1-NOV-90	PCT			
	AO13 0 720 338 A2	03-JUL-96	EPO			
	AP13 0 772 068 A1	07-JUN-97	EPO			
	AQ13 0 864 917 A1	16-SEP-98	EPO			
	AL14 WO 98/27540	25-Jun-98	PCT			
	AM14 WO 98/27538	25-Jun-98	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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